

**MANUFACTURER INFORMATION:**

PABCO® Gypsum  
a division of PABCO® building products, LLC  
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Rancho Cordova, CA 95741  
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[www.PABCOgypsum.com](http://www.PABCOgypsum.com)

PABCO® Gypsum Specification PGS-004  
ASTM specification C 1396

**DESCRIPTION:**

PABCO® Gypsum Sheathing is a versatile, economical fire and water-resistant panel product that is used as a substrate for exterior veneer finishing systems on the exterior of residential and commercial structures. The core is encased in 100% recycled water-resistant paper facing that is distinguishable by the brown/black coloration on the front and the long edges. The face paper is folded along the long edges to reinforce and protect the core; the ends are square cut and finished smooth.

5/8" Type X Gypsum Sheathing is intended for use in select commercial applications that require fire-tested systems. This product exceeds the requirements specified by ASTM under its wallboard standard ASTM Type X.

PABCO® Gypsum Sheathing Type X is classified by Underwriters Laboratories in accordance with ASTM E 119.

**PRIMARY USES:**

PABCO® Type X Gypsum Sheathing can be used with virtually all exterior walls and cladding: including wood siding, shingles, panel siding, vinyl or metal siding, masonry or brick veneer, Portland cement stucco, and Exterior Insulated Finish Systems (EFIS). Mechanically attached exterior walls and cladding are attached through the sheathing into the wall framing. The performance of any Exterior Insulated Finish System that includes gypsum sheathing and recommendations for the proper method of attachment are the sole responsibility of the Exterior Insulated Finish System manufacturer."

# GYPSUM SHEATHING

## Water-Resistant

**LIMITATIONS:**

- Shall not be used on ceilings, soffits or sills.
- Is designed for mechanical attachment only to the outside surface of the exterior wall framing using either nails, screws or staples. Construction of fire resistive assemblies shall be in accordance with the construction details specified in the fire test report.
- Is a substrate that shall be covered by exterior wall cladding and is not intended for exposure exceeding 30 days. The gypsum sheathing board shall be covered immediately with a water-resistive barrier if exposure time will be extended or weather conditions become severe.
- Shall be covered with a water-resistive barrier, or horizontal joints shall be sealed; refer to the local building code for details. Where a water-resistive barrier is required, the water-resistive barrier shall be attached over the face of the gypsum sheathing, to the framing, with the upper layer lapped over the lower layer in accordance with the code. (See GA-253 Application of Gypsum Sheathing for complete details, [www.gypsum.org](http://www.gypsum.org)).
- Shall be properly flashed at openings and located so that no joint will align with an edge of the opening. Joints shall be staggered.
- Holes and cutouts for pipes or fixtures, or other small openings, shall be properly protected by means such as flashing or caulking.

**APPLICATION:**

PABCO® Gypsum Sheathing is designed for mechanical attachment to the outside surface of exterior wall framing using either nails, screws or staples. PABCO® Gypsum endorses and recommends the application specifications published in GA-253 and GA-254 ([www.gypsum.org](http://www.gypsum.org)) and/or ASTM C 1280 ([www.astm.org](http://www.astm.org)).

**FIRE RESISTANT RATINGS:**

Fire Resistance Rated Designs are promulgated from tests performed at IAS\* certified independent testing laboratories, and these designs include specific materials assembled in a precise configuration. When choosing construction details to achieve specific fire-resistance rated requirements, care must be taken to insure that each component of the specified assembly is the proper one specified in the referenced fire-resistance rated design, and assembled in accordance with the specific requirements of the assembly.

\*The [International Accreditation Service](http://www.iasinc.org) — IAS — is a non-profit, public benefit corporation and a leading accreditation body in the United States. Internationally recognized, accreditation by IAS makes it easier to market products and services both inside and outside the United States.

**STORAGE & HANDLING:**

Store all PABCO® gypsum panels flat; do not store on edge as panels are heavy and may fall over causing injury or death. Store in an area that offers protection from adverse weather conditions, condensation, and other forms of moisture. Avoid job site conditions that expose gypsum board to water or moisture. Plastic shipping bags are temporary, and intended for protection during transit only, and must be removed promptly upon arrival. Store gypsum board under protected cover, off the ground with sufficient support to prevent sagging. Exercise proper care to avoid impact, scuffing of the glass faces, undue flexing, and damage to board edges, corners, and ends.

continued on back

Job name:	
Contractor:	Date:

## WARRANTIES & REMEDIES:

Current warranty information for this product is available online at [www.PABCOgypsum.com](http://www.PABCOgypsum.com).

## LEGAL NOTICES:

PABCO® Gypsum, the PABCO® logo, and what the job demands™ are trademarks or registered trademarks of Pacific Coast Building Products, Inc. and licensed to PABCO® Gypsum in the United States and other countries. Products described herein may not be available in all geographic markets. Consult your PABCO® Gypsum sales representative for information. Product features and information subject to change without notice.

Visit [www.PABCOgypsum.com](http://www.PABCOgypsum.com) for product updates and current information.

# GYPSUM SHEATHING

## Water-Resistant

### PRODUCT DATA, SIZES & TYPES:

Product	Thickness	Width	Length <sup>1</sup>	Edge Type	Weight <sup>2</sup>	UL Core Type
Gypsum Sheathing Type X	5/8" (15.8 mm)	48" (1219 mm)	8' (2438 mm) 12' (3658 mm)	Square	2.3 lbs/ft <sup>2</sup>	PG-5WS

**PACKAGING:** 2 pieces per bundle, face-to-face, and end labeled.

<sup>1</sup> Length availability may change; other lengths may be available on a special order basis. Consult with your local PABCO® representative

<sup>2</sup> Represents approximate weight for design and shipping purposes. A more exact weight may be available for your area; consult with your local PABCO® representative.

### APPLICABLE STANDARDS & TECHNICAL DATA:

PABCO® Gypsum Sheathing Thickness	5/8"
Manufacturing:	ASTM C 1396
Installation:	Gypsum Association GA-253, GA-254 – <a href="http://www.gypsum.org">www.gypsum.org</a> ASTM C 1280 – <a href="http://www.astm.org">www.astm.org</a>
Surface Burning Characteristics (ASTM E 84):	Flame Spread 15; Smoke Developed 0
Combustibility (ASTM E 136):	Non-Combustible
Fire-Resistant Assemblies:	Gypsum Association GA-600, Fire Design Manual Underwriters Laboratories, UL Fire Resistance Directory
Flexural Strength, Load lbf (N) (ASTM C 473): Test Method B	
Perpendicular to substrate edge	147 lbf (654 N)
Parallel to substrate edge	46 lbf (205 N)
Humidified deflection (ASTM C 473):	5/8-in
Water absorption (ASTM C 473):	≤10%
Thermal resistance R value (ASTM C 518):	0.48
Composition:	100% recycled paper face, gypsum core
Material Safety Data Sheet MSDS:	MSDS available at <a href="http://www.PABCOgypsum.com">www.PABCOgypsum.com</a> , <a href="#">Technical Data</a>
Foil Application:	Foil may be applied to the back of ASTM C 1396 gypsum wallboard for the purpose of complying with ASTM C 1396 paragraph 5.1.
PABCO® Gypsum literature:	"Construction Guide: Fire & Sound Rated Systems"
Recycled Content:	Refer to PABCO® <a href="#">Sustainable Materials</a> Data Sheet for plant specific details.

*Federal Specification SS-L-30D Type II. The federal specification for gypsum board, SS-L-30d was withdrawn in 1984. It is provided here for informational purposes only.*



#### NEED HELP WITH A PROJECT OR HAVE QUESTIONS ABOUT THIS PRODUCT?

Contact the PABCO® Gypsum Technical Services Team at **(866) 282-9298**.

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